

SAFETY DATA SHEET (SDS)

70% Isopropyl Alcohol
 Waterless Hand Cleansing Gel
 Product Code: 3880 (PN 18169)

UPDATED: February 10, 2020

SECTION I – PRODUCT IDENTIFICATION & COMPANY IDENTIFICATION

Company Name and Address Blue Ribbon Supply Company
 451 East Jamie Court, S San Francisco CA 94080 USA
 Telephone: +1-650-873-3500

Product name: Waterless Hand Cleansing Gel 3880
Product Code: 3880 (PN 18169)
Synonym: Alcohol Gel
Chemical name: Isopropyl Alcohol Gel
Emergency phone number: 1-650-873-3500

SECTION 2- HAZARDS IDENTIFICATION

Physical State: Liquid
OSHA/HCS status: Eye Irritation (Category 2A), Flammable Liquids (Category 2), Specific Target Organ Toxicity – Single Exposure (Category 3)

Potential health effect:

Eye contact: Direct eye contact causes serious eye irritation.
Skin contact: Can cause skin irritation.
Inhalation: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposures of less than 8 hours.
Ingestion: May be irritating to the mouth, throat, and stomach. Do not ingest

SECTION 3- COMPOSITION / INFORMATION ON INGREDIENTS

Substances listed in this section are those identified as being present at a concentration of 1% or greater, or 0.1 % if substance is on the list of potential carcinogens cited in OSHA hazard communication standard.

CAS Number	Material	Concentration	TLV	PEL
67-63-0	Isopropyl Alcohol	70% v/v	200 ppm	400 ppm
7732-18-5	Water	28%	N/A	N/A
56-81-5	Glycerin	2.0%	N/A	N/A

SECTION 4- FIRST-AID MEASURES

GENERAL INFORMATION: The severity of the symptoms described will vary dependent of the concentration and the length of exposure. Get medical attention if any discomfort continues. Do not give victim anything to drink if they are unconscious.

Eyes: Make sure to remove any contact lenses from the eyes before rinsing.
 Flush immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin contact: Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Ingestion: If swallowed, seek medical advice immediately and show this container or label.
 Do not induce vomiting. If patient is conscious and can swallow, give large quantities of water. Get medical attention.

Inhalation: If inhaled: move to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen.

SECTION 5- FIRE-FIGHTING MEASURES

Flammability Overview: Flammable liquid and vapor. May produce floating fire hazard. Vapors may flash ignite from an ignition source. Use with caution.

Flash point: 18.3°C (64.9°F)
Flash point method used: C.C.C.
Autoignition temperature: Not self-igniting.
Unusual fire and Explosion Hazards: May emit toxic fumes under fire conditions.
Reactivity hazard: Not known.
Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide
Hazardous combustion products: Hazardous decomposition products under fire condition, Carbon oxides

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Special Fire Fighting Procedure: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal precautions: Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Clean-up methods: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains. Clean spill area thoroughly. Local authorities should be advised if significant spillages cannot be contained.

SECTION 7- HANDLING AND STORAGE

Handling: Follow with all label directions. Keep container tightly closed when not in use. Keep out of reach of children. Avoid breathing mists, gas or vapors.

Storage: Store in dry, cool and well ventilated area. Keep product and empty container away from heat and sources of ignition.

Additional Storage: Not required under normal use.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Use adequate local exhaust ventilation if airborne dust, mist, or vapors will be generated. Use NIOSH/MSHA approved respirator whenever exposure limits exceeded.

Personal Protective Equipment

Eyes protection: Safety glasses

Skin and body protection: Rubber gloves

Respiratory Protection: Not Required

Hand protection: Rubber gloves

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Exposure controls TLV/PEL: N/A

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Thick Liquid

Color: Colorless, Clear

Odor: Rubbing Alcohol

Physical State: Liquid

Boiling point/range: 83 °C (181°F) for IPA 99%

Melting Point: -90 °C (-130 °F) for IPA 99%

Solubility: Complete. Water soluble

Flash Point: 18.3°C (64.9 °F)

Flammability (solid, gas): Flammable Liquid

Flammability/Explosion Limits 2-12.7%(V) for IPA 99%

Vapor Density: 2.1 for IPA99%

Evaporation Rate: N/A

Specific Gravity: 0.87

Density: 7.25 lbs/gal

Viscosity: >1000 CPS

pH: N/A

SECTION 10- STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Condition to avoid: Heat, flames and sparks. Extreme temperatures and direct sunlight

Materials to avoid: Oxidizing agents

Hazardous decomposition products: No decomposition if stored normally.

Possibility of hazardous reactions: Will not occur.

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SECTION 11- TOXICOLOGICAL INFORMATION

Acute toxicity Product information:

Component	CAS Number	Test	Toxicity
Isopropyl Alcohol	67-63-0	Oral LD50 (Rat)	5045 mg/kg
		Dermal LD50 (Rabbit)	12800 mg/kg
		Inhalation LC50 (Rat)	16000 mg/kg (8hrs)

Local effects:

Skin Irritation: May cause skin irritation and/or dermatitis.**Eye Irritation:** Contact causes serious eye irritation**Inhalation:** Can be harmful if inhaled. Can cause respiratory tract irritation. Vapors can cause drowsiness and dizziness.**Ingestion:** Ingestion may be irritating to the mouth, throat, and stomach. Do not ingest.**Chronic toxicity:** No information available.

Specific effects

Carcinogenic effects: No known significant effects or critical hazards**Target Organs:** None.

SECTION 12- ECOLOGICAL INFORMATION

Aquatic toxicity Product Information: No data available**Persistence and degradability:** No data available**Environmental Fate and Pathways Mobility:** No data available**Biodegradability:** No data available**Bioaccumulative Potential:** No data available**Physical / Chemical:** No data available

SECTION 13- DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with Local and National regulations.**RCRA Hazardous Waste:** Contaminated packaging should be treated like the product as hazardous waste. Contaminated packaging should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.

SECTION 14- TRANSPORT INFORMATION

Proper shipping name: Isopropanol**UN Number:** UN1219**DOT Hazard Class:** 3**Packing Group:** PGII**Marine Pollutant:** No

SECTION 15- REGULATORY INFORMATION

US Federal

SARA 302 Components: None Listed

SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard, Fire Hazard

SARA 313 Components: No reporting required

TSCA inventory: All components listed or exempted

European Union

EC inventory: Isopropyl Alcohol (EINECS 200-661-7)

State Regulations

CA Prop 65: None Listed

This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

SECTION 16- OTHER INFORMATION

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The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. Blue Ribbon Supply shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes, Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to in fringe any existing patents